

Systematic Uncertainty	Base Selection (%)	Anti-Tagged (%)	Loose Tag (%)
Lepton Scale Factor	0.5	0.5	0.5
Trigger Efficiency	0.2	0.2	0.2
Jet Energy Scale	3.1	2.6	1.9
ISR/FSR	1.3	2.6	6.5
Helicity Re-Weighting	3.5	3.4	3.2
Parton Distribution Functions	0.9	0.9	0.9
Total Correlated	5.0	5.1	7.5
$B$ -Tagging Scale Factor	10.2	16.3	5.5
Mistag $\alpha\beta$ Correction	0.6	1.0	0.4
$\mathcal{B}(t \rightarrow Zc)$ versus $\mathcal{B}(t \rightarrow Zu)$	0.0	4.0	4.0
Total Anti-Correlated	10.2	16.8	6.8